

MEMORANDUM

DATE: 10/23/2018

TO: Bilal Qazzaz, QA Coordinator
Air Monitoring and Analysis Section, US EPA Region 5

FROM: Justin G. Coughlin, Project Manager
Air Monitoring and Analysis Section, U.S. EPA Region 5

SUBJECT: Clarification on Hammond, Indiana, Semi-Continuous Metals Monitoring QAPP
Table D.3 Xact Monitoring Null Data Codes

The purpose of this memorandum is to clarify two data codes in Table D.3 of the *Quality Assurance Project Plan (Version 1.0) Hammond, Indiana, Semi-Continuous Metals Monitoring* signed on October 16th, 2018 by US EPA Region 5 staff. The data code, “MD” is intended to be a “Quality Assurance Qualifier”, and not a “Null Data Qualifier”, for instances when the monitor is recording a measurement above zero and below the method detection limit outlined for the respective metal in Appendix A: Xact 625 Ambient Metals Monitor Operation Manual. The data code, “ND” is intended to be used in instances when the monitor is recording a measurement of zero that is a true zero.